Serial No.: 10/092,768

AMENDMENT TO THE SPECIFICATION:

Please replace paragraph [0004] with the following amended paragraph:

[0004] An exemplary embodiment of the tool is preferred which is distinguished in that its base body has a projection which serves as a support. This [projection] projection is configured so that it supports the blade plate practically over its entire back side, i.e., on the side turned away from the clamping lug. This results in the blade plate being held especially reliably to the tool and vibrations being avoided.

Please replace paragraph [0012] with the following amended paragraph:

[0012] On the side opposite the shaft, an area 9 of the base body is provided, the outside diameter of which is less that than the portion lying between area 9 and shaft 5 of tool 1. In area 9, a blade plate 22*, shown here in top view and triangular in form*, is provided which, with the help of a clamping lug 13, is tightly fastened to base body 3 of tool 1. It is suggested through an x, at 15, that clamping lug 13 is fastened to base body 3 by means of a clamping screw. Around one third of blade plate 11 projects over the circumferential surface 17 of area 9 of tool 1 and in the area which projects the farthest has a cutter 19. It is suggested here by crosshatching that in the area of cutter 19, an insert 21 is provided which is distinguished through a special hardness and resistance to wear. It can be of ceramic material, diamond, or CBN.

Please replace paragraph [017] with the following amended paragraph:

[0017] In Figure 1, an opening 31 of one of channels 33 fabricated into base body 3 is also suggested which ultimately opens—which is , in a manner not shown in the figure—, into a drilled hole 35 which here runs concentrically with the middle axis 27 in base body 3. Air is fed under pressure into this drilled hole in suitable manner which in operation of tool 1 exits out of opening 31 and carries chips out of the processing area of blade plate 11.



Serial No.: 10/092,768

Please replace the second paragraph designated [0022] with the following amended paragraph:

[0022.1] It can be seen from Figures 1 and 2 that clamping lug 13 is configured as a prism. It also has, extending from the clamping screw suggested by cross mark 15, two lateral surfaces 49 and 51 which run at an acute angle. These [lateral surfaces] lateral surfaces serve to anchor clamping lug 13 in the tightened condition so as not to twist in base body 3 of tool 1 and thus to ensure a defined alignment of blade pate 11 which is held by means of form fit.

Please replace paragraph [0024] with the following amended paragraph:

[0024] In Figure 3, a clamping screw 53 can be clearly recognized that has two threaded sections. A first threaded section engages in clamping lug 13 and a second in base body 3 of tool 1. Preferably the threaded sections are equipped with opposing threads. Clamping screw 53 runs at an acute angle to an imaginary vertical line V in order to securely fix blade plate 11 in base body 3. The latter blade plate 11, as can be seen n in Figure 3, is arranged such that its cutter 19 touches an imaginary horizontal line H which, like vertical line V, intersects middle axis 27. The top view shows that blade plate 11 does not lie completely in a plane which coincides with horizontal line H. Instead, it is inclined at an acute angle of 4° to 8°, preferably approx: approximately 6° such that front side 45 up to cutter 19 is arranged above horizontal line H. This arrangement also serves to ensure an optimal chip flow during machining of workpieces and to avoid chattering or oscillations.

Please replace paragraph [0026] with the following amended paragraph:

[0026] It is suggested with dashed lines in Figure 3 that spacer 37 is fastened to base body 3 of tool 1 by means of a screw 9 S, specifically in the area of support 39. Forces received by spacer 37 therefore are reliably and with little oscillation conducted through support 39 into base body 3 of tool 1.

B5

Serial No.: 10/092,768

Please replace paragraph [0027] with the following amended paragraph:

[0027] In the scaled-down depiction according to Figure 3, groove 25 is not easily recognizable; therefore reference is made here to the detail enlargement presented in Figure 4 which shows blade plate 11 in front view as in Figure 3. An essential factor is that groove 25 has an edge F which inclines with respect to front side 45 of blade plate 11 and which rises in the depiction according to Figure 4 from left to right and encloses an angle with front side 45 of approx. approximately 6° to 12°, preferably approx. approximately 10°. Through edge F, the forces of clamping lug 13 are distributed such that a first force component presses blade plate 11 against spacer 37 and against support 39 so that blade plate 11 is held securely in base body 3 of tool 1. A second force component acts in the direction of middle axis 27 of tool 1 so that blade plate 11 can be rotatably fixed in a specified position.

Please replace paragraph [0028] with the following amended paragraph:

[0028] It is clear from the enlarged depiction of blade plate 11 that for practical purposes it is not weakened through groove 25. Since blade plate 11 in addition is not penetrated for by a clamping screw which otherwise is usual, it is very stable, which likewise leads to low-oscillation machining of workpieces and significantly increases tool life.

